REMARKS

This amendment is in response to the Examiner's Office Action dated 7/26/2005.

Independent claims 1, 17, 31, 37, 40, 43, and 44 have been amended for clarification purposes

without adding new matter. Support for amended independent claims 1, 17, 31, 37, 40, 43, and

44 can be found in pages 11, and 20 of the application as filed. Claims 2-11, 15-16, 20-30, 32-36,

38 and 41 have been amended to correct the preamble without adding new matter. Dependent

claims 45-47 have been added without adding new matter. Support for claims 45-47 can be found

in pages 11, 12, and 19 of the application as filed. Reconsideration of this application is

respectfully requested in view of the foregoing amendment and the remarks that follow.

STATUS OF CLAIMS

Claims 1-44 are pending.

Claims 1-9, 12-14, 16-30 and 37-44 stand rejected under 35 USC § 103(a) as being

unpatentable over Ankireddipally (USP 6772216) in view of Admitted Prior Art (APA).

Claims 10, 11, 15 and 31-36 stand rejected under 35 USC § 103(a) as being unpatentable

over Ankireddipally in view of APA, and further in view of Murray (USP 5944781).

Claims 12, 13, 14, 18, 19, 39, and 42 are cancelled.

OVERVIEW OF CLAIMED INVENTION

The presently claimed invention provides for a system and method to reduce bandwidth

utilization by performing remote procedure calls using a markup language as a marshalling

format. Content data of the XML document is capable of being transmitted on a stream separate

from structure data. In this manner, character level compression is applied to content data

allowing for more efficient transmission of the document and thereby reducing the bandwidth utilization.

A client sends XML-RPC requests to the server in the form of an XML document that is encoded in a tokenized format. The server, upon receiving the request from the client, parses the body of the document received, invokes a corresponding method and sends a response back to the client in the same tokenized format that the request was encoded in. The client first sends a request (via HTTP) to the server to establish a connection. After the connection is established, the client sends further markup language (XML-RPC) requests and receives responses from the server using this connection.

REJECTIONS UNDER 35 USC § 103

Claims 1-9, 12-14, 16-30 and 37-44 stand rejected under 35 USC § 103(a) as being unpatentable over Ankireddipally (USP 6772216) in view of Admitted Prior Art (APA).

To be properly rejected under U.S.C. §103(a), each and every element of the claims must be addressed through known prior art or be recognized as an obvious variation thereof. Applicants contend that the Ankireddipally reference in view of Admitted Prior Art (APA) fails to provide many of the limitations of applicants' pending claims.

The Ankireddipally reference discusses the exchange of messages between exchange servers in the form of XML documents. The Ankireddipally reference discusses managing of application-to-application interaction among a plurality of applications resident on a plurality of computers in a distributed computer network. A requesting application produces a transaction request and the server application performs the transaction and produces a transaction response, wherein a sequence of structured documents are exchanged between the requesting application and the service application.

Page 22 of 25

The APA teaches an encoding format for XML based on a table that matches tokens to XML tags and attribute names.

However, conspicuously absent from the Ankireddipally reference in its entirety is a system for performing 'remote procedure calls'. Further the Ankireddipally reference and APA, when considered alone or in combination, fail to teach at least the following limitations:

- separation of content data from structure data of the XML documents; and

- application of character level compression to the content data to thereby reduce bandwidth utilization in a system for performing remote procedure calls utilizing a markup language as a marshalling format.

Hence, applicants contend that independent claims 1, 17, 37, 40, 43 and 44 are not rendered obvious by Ankireddipally reference in view of Admitted Prior Art. Applicants respectfully request the examiner to withdraw the rejections to independent claims 1, 17, 37, 40, 43 and 44.

Applicants wish to note that the arguments presented above with respect to independent claims 1, 17, 37, 40, 43 and 44 substantially apply to dependent claims 2-9, 16, 20-30, 38, and 41 as they inherit all the limitations of the claim from which they depend. Hence, applicants respectfully request the examiner to withdraw the rejections to dependent claims 2-9, 16, 20-30, 38, and 41.

Claims 10, 11, 15 and 31-36 stand rejected under 35 USC § 103(a) as being unpatentable over Ankireddipally in view of APA, and further in view of Murray (USP 5944781).

Applicants contend that the Ankireddipally reference in view of Admitted Prior Art (APA), and further in view of Murray fails to provide many of the limitations of applicants' pending claims.

The examiner appears to reply on the Murray reference for teaching of servlet, handler objects and hash table. However, the Murray reference merely discloses a persistent applet on a client system being saved/retrieved along with complete state to/from a remote server.

Upon closer reading of the Murray reference in its entirety, applicants contend that the Murray reference does not teach or suggest the storing handler objects and associated methods in the hash table.

Absent from the Ankireddipally reference and the Murray reference in their entirety is a system for performing 'remote procedure calls'. Further the Ankireddipally reference, the APA, and the Murray reference, when considered alone or in combination, fail to teach at least the following limitations:

- separation of content data from structure data of the XML documents; and

- application of character level compression to the content data to thereby reduce bandwidth utilization in a system for performing remote procedure calls utilizing a markup language as a marshalling format.

Hence, applicants contend that independent claim 31 is not rendered obvious by Ankireddipally reference in view of APA, and further in view of Murray. The applicants respectfully request the examiner to withdraw the rejection to independent claim 31.

Also, applicants wish to note that arguments presented above with respect to independent claims 1, and 31 substantially apply to dependent claims 10, 11, 15 and 32-36 as they inherit all

Page 24 of 25

the limitations of the claim from which they depend. Hence, the applicants respectfully request the examiner to withdraw the rejections to dependent claims 10, 11, 15 and 32-36.
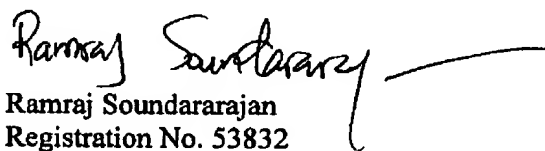
SUMMARY

As has been detailed above, none of the references, cited or applied, provide for the specific claimed details of applicants' presently claimed invention, nor renders them obvious. It is believed that this case is in condition for allowance and reconsideration thereof and early issuance is respectfully requested.

As this amendment has been timely filed within the set period of response, no petition for extension of time or associated fee is required. However, the Commissioner is hereby authorized to charge any deficiencies in the fees provided to Deposit Account No. 09-0441.

If it is felt that an interview would expedite prosecution of this application, please do not hesitate to contact applicants' representative at the below number.

Respectfully submitted,

Ramraj Soundararajan
Registration No. 53832

1725 Duke Street
Suite 650
Alexandria, Virginia 22314
(703) 838-7683
October 26, 2005